



PRODUCT-DETAILS

3GAA091110-HSHIN  
(3GAA091110-HSHIN)

General Information

Product ID	3GAA091110-HSHIN
ABB Type Designation	M2AAX 90SA 2
Catalog Description	(3GAA091110-HSHIN)

Ordering

ABB Type Designation	M2AAX 90SA 2
Invoice Description	M2AAX 90SA 2
Product Name	3-Phase squirrel cage motor
Product Type	IAA2 M2AAX IE2
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	India (IN)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	415 V	1.50 kW	2875 r/min	3.10 A	0.830	81.30 %	5.00 N·m	6.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	50 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 81.3 % Partial Load (75%) 82.0 % Partial Load (50%) 80.3 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1

Voltage Code S

**Mechanical**

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
IM Class	IMB35 IM2001
Terminator Box Location	D-End top

**Dimensions**

Package Level 1 Units	0 carton
Product Net Weight	13 kg
Gross Weight	16 kg

**Classifications**

UNSPSC	26101100
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**Categories**

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Aluminum Motors